

**ABSTRACT OF THE DISCLOSURE**

A humidifier includes a humidifier housing, a fan, and a water wheel device. The humidifier housing includes a lower base member that defines a liquid-containing compartment, and an upper cover member mounted on the lower base member and formed with a vapor outlet. The fan is mounted in the upper cover member, and is operable so as to generate air currents that flow through the vapor outlet. The water wheel device includes a horizontal wheel axle mounted rotatably in the humidifier housing, a drive motor for driving axial rotation of the wheel axle, and a plurality of disc members mounted spacedly and co-rotatably on the wheel axle. Each of the disc members has a lower disc portion extending into the liquid-containing compartment, and an upper disc portion disposed under and adjacent to the fan.